

ABSTRACT OF THE DISCLOSURE

In order to reduce load supported by a support mechanism for supporting a movable part so as to prevent the movable part from moving in a horizontal direction when stress is generated thereon in the horizontal direction, there is provided a drive unit including a primary side having a magnetic body around which a coil is wound, and a secondary side having a plurality of permanent magnets, the primary side including magnetic poles and step portions provided on the magnetic poles. The width of each step portion is smaller than the width of each permanent magnet.